

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021720\
 Data File : VV014589.D
 Acq On : 17 Feb 2020 12:03
 Operator : SY/MD
 Sample : VSTD05063
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050204

Quant Time: Feb 18 05:48:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM021720W.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 18 05:45:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	301507	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	286663	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	145419	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46906	31.42	ug/L	0.00
7) Chloroethane-d5	1.58	69	36213	34.58	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	88037	37.62	ug/L	0.00
21) 2-Butanone-d5	3.92	46	100113	84.04	ug/L	0.00
24) Chloroform-d	4.40	84	162248	44.91	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	102520	46.17	ug/L	0.00
32) Benzene-d6	5.10	84	319499	42.10	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	95159	41.11	ug/L	0.00
41) Toluene-d8	7.36	98	304976	43.45	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	54124	43.19	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	81628	83.64	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.25	84	136799	44.79	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.67	152	119556	44.02	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	99194	42.541	ug/L 100
3) Chloromethane	1.26	50	78145	34.401	ug/L 100
5) Vinyl chloride	1.33	62	61036	34.905	ug/L 100
6) Bromomethane	1.53	94	33500	40.494	ug/L 100
8) Chloroethane	1.60	64	31004	35.579	ug/L 100
9) Trichlorofluoromethane	1.77	101	115427	46.502	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	46875	40.329	ug/L 100
12) 1,1-Dichloroethene	2.14	96	44982	40.481	ug/L 100
13) Acetone	2.18	43	79334	77.870	ug/L 100
14) Carbon disulfide	2.32	76	206967	38.776	ug/L 100
15) Methyl Acetate	2.46	43	77283	40.217	ug/L 100
16) Methylene chloride	2.54	84	92332	43.100	ug/L 100
17) trans-1,2-Dichloroethene	2.79	96	87422	44.124	ug/L 100
18) Methyl tert-butyl Ether	2.80	73	289060	45.719	ug/L 100
19) 1,1-Dichloroethane	3.23	63	156155	44.077	ug/L 100
20) cis-1,2-Dichloroethene	3.96	96	100647	44.969	ug/L 100
22) 2-Butanone	4.01	43	128386	86.010	ug/L 100
23) Bromochloromethane	4.30	128	50491	47.153	ug/L 100
25) Chloroform	4.42	83	173684	47.464	ug/L 100
27) 1,2-Dichloroethane	5.17	62	130486	47.912	ug/L 100
29) Cyclohexane	4.72	56	131957	39.494	ug/L 100
30) 1,1,1-Trichloroethane	4.66	97	156023	48.259	ug/L 100
31) Carbon tetrachloride	4.87	117	139716	48.733	ug/L 100
33) Benzene	5.14	78	360638	44.212	ug/L 100
34) Trichloroethene	5.96	95	96669	44.367	ug/L 100
35) Methylcyclohexane	6.17	83	149606	42.446	ug/L 100
37) 1,2-Dichloropropane	6.22	63	87905	42.538	ug/L 100
38) Bromodichloromethane	6.55	83	133811	47.215	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	160475	45.880	ug/L 100
40) 4-Methyl-2-pentanone	7.26	43	224032	84.617	ug/L 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021720\
 Data File : VV014589.D
 Acq On : 17 Feb 2020 12:03
 Operator : SY/MD
 Sample : VSTD05063
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050204

Quant Time: Feb 18 05:48:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM021720W.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 18 05:45:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	397218	45.088	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	145642	46.426	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	94267	46.616	ug/L	100
46) Tetrachloroethene	8.02	164	75463	45.338	ug/L	100
48) 2-Hexanone	8.18	43	175477	86.561	ug/L	100
49) Dibromochloromethane	8.29	129	114304	49.435	ug/L	100
50) 1,2-Dibromoethane	8.39	107	102375	46.808	ug/L	100
51) Chlorobenzene	8.92	112	265704	45.918	ug/L	100
52) Ethylbenzene	9.05	91	453237	45.794	ug/L	100
53) m,p-Xylene	9.18	106	173218	45.381	ug/L	100
54) o-Xylene	9.58	106	170040	46.485	ug/L	100
55) Styrene	9.60	104	293301	46.993	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.28	83	149504	47.277	ug/L	100
59) Bromoform	9.77	173	80213	49.690	ug/L	100
60) Isopropylbenzene	9.97	105	452608	46.757	ug/L	100
61) 1,2,3-Trichloropropane	10.31	75	120407	47.517	ug/L	100
62) 1,3,5-Trimethylbenzene	10.58	105	385982	46.667	ug/L	100
63) 1,2,4-Trimethylbenzene	10.95	105	378731	46.507	ug/L	100
64) 1,3-Dichlorobenzene	11.22	146	213122	46.622	ug/L	100
65) 1,4-Dichlorobenzene	11.31	146	215526	45.877	ug/L	100
67) 1,2-Dichlorobenzene	11.68	146	209611	47.084	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.47	75	35366	49.447	ug/L	100
69) 1,3,5-Trichlorobenzene	12.69	180	154055	47.654	ug/L	100
70) 1,2,4-trichlorobenzene	13.30	180	142894	48.290	ug/L	100
71) Naphthalene	13.54	128	455887	47.044	ug/L	100
72) 1,2,3-Trichlorobenzene	13.78	180	138896	48.173	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

